

AMENDMENTS TO THE CLAIMS

The claims in this listing will replace all prior versions, and listings of claims in the application.

Listing of Claims:

1. (currently amended) A tumor vaccine comprising:
(A) a microparticle comprising a fragment of solidified, chemically fixed tumor tissues or cells, said fragment being of a size so as to allow phagocytosis of the fragment; and
(B) at least one isolated cytokine, at least one isolated compound that is a cytokine-inducing agent, or a combination thereof.

2. (canceled)

2 ~~3~~. (previously presented) The tumor vaccine according to claim 1, which further comprises an adjuvant.

3 ~~4~~. (previously presented) The tumor vaccine according to claim 1, which comprises a cytokine-controlled release preparation as the at least one isolated cytokine, at least one isolated compound that is a cytokine-inducing agent, or a combination thereof.

4 ~~5~~. (previously presented) The tumor vaccine according to claim 1, which comprises a granulocyte-macrophage-colony stimulating factor, interleukin-2, or a combination thereof, as the at least one isolated cytokine, the at least one isolated compound that is a cytokine-inducing agent, or the combination thereof.

5 ~~6~~. (currently amended) A tumor vaccine for use in combination with at least one isolated cytokine, the vaccine comprising, as an active ingredient, a microparticle

comprising a fragment of solidified, chemically fixed tumor tissues or cells, said fragment being of a size so as to allow phagocytosis of the fragment.

6. ~~7~~. (previously presented) The tumor vaccine according to claim ~~6~~⁵, which further comprises an adjuvant.

10. ~~8~~. (previously presented) The tumor vaccine according to claim ~~7~~⁷, which comprises a cytokine-controlled release preparation as the at least one isolated cytokine, the at least one isolated compound that is a cytokine-inducing agent, or the combination thereof.

11. ~~9~~. (previously presented) The tumor vaccine according to claim ~~10~~⁸, which comprises a cytokine-controlled release preparation as the at least one isolated cytokine, the at least one isolated compound that is a cytokine-inducing agent, or the combination thereof.

12. ~~10~~. (previously presented) The tumor vaccine according to claim ~~11~~⁷, which comprises a granulocyte-macrophage-colony stimulating factor, interleukin-2, or a combination thereof, as the at least one isolated cytokine, the at least one isolated compound that is a cytokine-inducing agent, or the combination thereof.

13. ~~11~~. (previously presented) The tumor vaccine according to claim ~~12~~⁸, which comprises a granulocyte-macrophage-colony stimulating factor, interleukin-2, or a combination thereof, as the at least one isolated cytokine, the at least one isolated compound that is a cytokine-inducing agent, or the combination thereof.

14. ~~12~~. (previously presented) The tumor vaccine according to claim ~~13~~³, which comprises a granulocyte-macrophage-colony stimulating factor, interleukin-2, or a

combination thereof, as the at least one isolated cytokine, the at least one isolated compound that is a cytokine-inducing agent, or the combination thereof. 9

15 13. (previously presented) The tumor vaccine according to claim 10, which comprises a cytokine-controlled release preparation as the at least one isolated cytokine, the at least one isolated compound that is a cytokine-inducing agent, or the combination thereof.

16 14. (previously presented) The tumor vaccine according to claim 15, which comprises a granulocyte-macrophage-colony stimulating factor, interleukin-2, or a combination thereof, as the at least one isolated cytokine, the at least one isolated compound that is a cytokine-inducing agent, or the combination thereof. 10

17 15. (previously presented) The tumor vaccine according to claim 10, which comprises a granulocyte-macrophage-colony stimulating factor, interleukin-2, or a combination thereof, as the cytokine at least one isolated cytokine, the at least one isolated compound that is a cytokine-inducing agent, or the combination thereof.

18 16. (previously presented) The tumor vaccine according to claim 11, which comprises a granulocyte-macrophage-colony stimulating factor, interleukin-2, or a combination thereof, as the at least one isolated cytokine, the least one isolated compound that is a cytokine-inducing agent, or the combination thereof.

19 17. (currently amended) The tumor vaccine according to claim 1, wherein the fragment comprises ground solidified, chemically fixed tumor tissues or cells.

20 18. (currently amended) The tumor vaccine according to claim 1, wherein the fragment comprises, chemically fixed tumor tissues or cells bound to a particle.

9. (previously presented) The tumor vaccine according to claim 1, wherein the fragment comprises tumor antigen bound to a particle.